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PATENT
Serial No. 10/517,976
Amendment in Reply to Final Office Action of May 5, 2006

IN THE SPECIFICATION

Please amend the specification as follows:

Delete the paragraph on page 1, line 12 of the specification.

Replace the paragraph on page 3, between lines 9-11 of the specification with the following:

PHQ 98023 / WO 99/0948 / EP ~~aaplication~~ application number 99919490.5 addresses the problems described above by allowing RDS control to be executed for producing high efficiency control ~~bits~~ bits.

Replace the paragraph on page 4, between lines 18-19 of the specification with the following:

A further embodiment of the present invention is characterized in that N ~~equals 2~~ equals 2.

Replace the paragraph on page 4, between lines 25-28 of the specification with the following:

A further embodiment of the invention is characterized in that after the step of coding the stream of precoded input words into a stream of groups of N code ~~words the~~ words the method comprises the step of storing the groups of N code words in using the groove position modulation on the storage ~~medium~~ medium.

Replace the paragraph on page 5, between lines 14-16 of the specification with the following:

A further advantage of this embodiment is that the d, k and RMTR constraints of the code are maintained since the standard 17PP coder is used to encode the precoded input ~~words.~~ words.

Replace the paragraph on page 6, between lines 20-22 of the specification with the following:

A further embodiment of the invention is characterized in that before the step of storing the groups of N code words in using the groove position modulation on the storage medium remaining DC components are removed using a high-pass ~~filter~~ filter.

Replace the paragraph on page 7, line 8 of the specification

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with the following:

Figure 1 shows a system using the~~precoder~~ precoder.

Replace the paragraph on page 7, line 9 of the specification with the following:

Figure 2 shows a receiver according to ~~the invention~~ an embodiment.

Replace the paragraph on page 7, line 10 of the specification with the following:

Figure 3 shows an example encoding of input ~~words~~ words.

Replace the paragraph on page 7, line 11 of the specification with the following:

Figure 4 shows the RDS of a signal according to ~~the invention~~ an embodiment.

Replace the paragraph on page 7, line 13 of the specification with the following:

Figure 6 shows the table used by the ~~decoder~~ decoder.

Replace the paragraph on page 7, lines 14-15 of the specification with the following:

Figure 7 shows the spectral content of the code words when using a 17PP ~~coder~~ coder.

Replace the paragraph on page 8, line 26 of the specification with the following:

Figure 3 shows an example encoding of input ~~words~~ words.

Replace the paragraph on page 9, line 22 of the specification with the following:

Figure 4 shows the RDS of a signal according to ~~the invention~~ an embodiment.

Replace the paragraph on page 10, lines 22-23 of the specification with the following:

Figure 7 shows the power spectral density of the code words when using a 17PP ~~coder~~ coder.

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